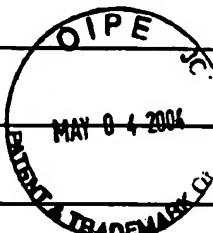




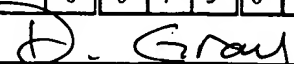


Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23685		Serial No. 10/646,735	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA		<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;">             OIPE              FEB 19 2004              PATENT &amp; TRADEMARK OFFICE           </div>	
				Filing Date August 25, 2003			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4 5 2 5 0 5 0	06/25/85	OHASHI				
	4 6 4 3 5 5 5	02/17/87	WAKABAYASHI				
	4 7 2 1 9 7 2	01/26/88	WAKABAYASHI				
	4 7 9 2 8 2 2	12/20/88	AKIYAMA et al.				
	5 8 1 8 6 4 7	10/06/98	NISHIO et al.				
	6 0 3 1 9 9 8	02/29/00	SHONO				
	4 4 5 1 1 2 9	05/29/84	IKARI et al.				
	4 6 4 3 5 5 4	02/17/87	OGAWA				
	4 7 7 1 3 0 3	09/13/88	MATSUMOTO et al.				
	4 8 8 7 1 0 7	12/12/89	NAKAMURA et al.				
	5 1 3 6 3 2 4	08/04/92	TSUBOI et al.				
	5 7 6 5 0 4 9	06/09/98	HASE et al.				
	5 8 3 2 3 2 6	11/03/98	TANAKA				
	6 3 6 6 3 2 3	04/02/02	SHONO				
	<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	5 8 1 4 5 9 3 0	08/31/83	JAPAN				
	6 1 - 6 9 0 0 2	04/09/86	JAPAN				
	6 1 2 7 0 7 3 7	12/01/86	JAPAN				
	6 3 1 4 9 6 2 9	06/22/88	JAPAN				
	6 4 - 3 4 6 2 3	03/02/89	JAPAN			X	
	6 - 1 8 7 7 7	01/28/94	JAPAN			X	
	7 - 1 9 1 2 4 9	07/28/95	JAPAN				
	1 1 1 0 9 2 0 3	04/23/99	JAPAN				
EXAMINER <u>D. Gray</u>			DATE CONSIDERED <u>9/10/04</u>				

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA				
				Filing Date August 25, 2003				Group 2872
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
 	2004 / 0	0 4 2 0 9 5	03/04/04	NOMURA				
	2004 / 0	0 4 2 0 9 3	03/04/04	NOMURA				
	2004 / 0	0 6 2 5 3 6	04/01/04	NOMURA				
	2004 / 0	0 5 1 9 6 8	03/18/04	NOMURA				
	2004 / 0	0 5 1 9 7 0	03/18/04	NOMURA				
	2004 / 0	0 6 2 5 3 7	04/01/04	NOMURA				
	2004 / 0	0 5 1 9 7 2	03/18/04	NOMURA				
	2004 / 0	0 4 2 0 9 1	03/04/04	NOMURA				
	2004 / 0	0 4 2 0 8 9	03/04/04	NOMURA				
	2004 / 0	0 5 1 9 7 1	03/18/04	NOMURA				
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	2004 / 0	0 4 2 0 9 0	03/04/04	NOMURA				
	2004 / 0	0 4 2 7 7 6	03/04/04	NOMURA				
		2004 / 0	0 5 1 9 8 1	03/18/04	NOMURA			
		2004 / 0	0 4 2 0 9 2	03/04/04	NOMURA			
6		3 6 6 3 2 3	04/02/02	SHONO				
6		1 1 5 1 9 0	09/05/00	HIRAI				
6		0 6 4 5 3 3	05/16/00	KENIN et al.				
2003 / 0		0 8 1 3 2 5	05/01/03	NOMURA et al.				
2001 / 0		0 2 4 5 7 3	09/27/01	NOMURA et al.				
	2002 / 0	1 3 5 9 0 0	09/26/02	NOMURA et al.				
	6	0 7 5 6 5 5	06/13/00	FUNAHASHI				
EXAMINER 				DATE CONSIDERED 9/10/04				

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				Filing Date August 25, 2003		Group 2872								
<b>U.S. PATENT DOCUMENTS</b>														
EXAMINER INITIAL		DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
<b>FOREIGN PATENT DOCUMENTS</b>														
		DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO				
		58	-	1	0	7	0	8	01/21/83	JAPAN				
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		2	2	6	2	3	5	6	06/16/93	UNITED KINGDOM				
	2003	-	2	0	7	7	0	9	07/25/03	JAPAN				
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	10	-	2	8	2	3	9	4	10/23/98	JAPAN				
	58	-	1	6	2	9	1	4	09/27/83	JAPAN				
	0	6	3	4	6	8	0	01/18/95	E.P.O.					
		10	-	3	2	7	4	0	02/03/98	JAPAN			X	
		7	-	2	8	8	7	2	4	10/31/95	JAPAN			X
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>														
		1	English Language Abstract of JP 58-10708.											
		2	English Language Abstract of JP 2003-207709.											
		3	English Language Abstract of JP 2002-277719.											
		4	English Language Abstract of JP 10-282394.											
		5	English Language Abstract of JP 58-162914.											
EXAMINER <u>D. Gray</u>						DATE CONSIDERED <u>9/10/04</u>								
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